



**PATENT**  
Docket No.: 160315.01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant/s	:	Ebbo, et al.	)	Examiner:
			)	Steelman, M.
Serial No.	:	09/902/469	)	
			)	Art Unit:
Filed	:	07/10/2001	)	2122
			)	
For	:	Microsoft Corp.	)	
			)	
Customer No.	:	38991	)	
			)	
Confirm. No.	:	6779	)	
			)	

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

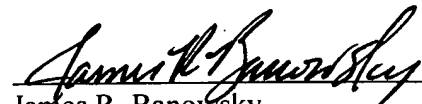
Dear Sir:

Applicants respectfully request consideration of the information listed on the attached form PTO/SB/08A and submitted herewith in compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. Since this Information Disclosure Statement is being filed before the mailing of a first Office action after the filing of a request for continued examination under § 1.114, it is believed no fees are required.

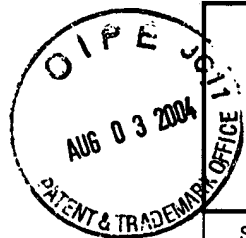
If any fees are required, however, the Commissioner is hereby authorized to charge the required fees, or credit any overpayments, to Deposit Account No. 50-0463.

Respectfully submitted,

Date: 8/2/04

  
James R. Banowsky  
Registration No. 37,773

MICROSOFT CORPORATION  
ONE MICROSOFT WAY  
REDMOND, WA 98052



Substitute for form 1449AIPTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	7
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Complete if Known

Application Number	09/902,469
Filing Date	07/10/2001
First Named Inventor	Ebbo
Group Art Unit	2122
Examiner Name	Steelman, M.
Attorney Docket Number	160315.01

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind			
		5,748,890		Goldberg et al.	05-05-1998	
		5,774,670		Montulli	06-30-1998	
		5,812,996		Rubin et al.	09-22-1998	
		5,835,724		Smith	11-10-1998	
		5,897,622		Blinn	04-27-1999	
		5,940,075		Mutschler III	08-17-1999	
		5,953,524		Meng et al.	09-14-1999	
		5,961,601		Iyengar	10-05-1999	
		5,983,227		Nazem et al.	11-09-1999	
		5,991,802		Allard et al.	11-23-1999	
		6,014,666		Helland et al.	01-11-2000	
		6,032,207		Wilson	02-29-2000	
		6,076,108		Courts et al.	06-13-2000	
		6,108,717		Kimura	08-22-2000	
		6,115,744		Robins	09-05-2000	
		6,178,461		Chan	01-23-2001	
		6,185,608		Hon et al.	02-06-2001	
		6,205,480		Broadhurst et al.	03-20-2001	
		6,212,192		Mirashrafi et al.	04-03-2001	
		6,230,160		Chan	05-08-2001	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	76
		Kind Codes Office <sup>3</sup>	Number <sup>2</sup> (if known)				
			EP 01 1 1 1679	Phillips	12-18-2000		
			WO 98/21651	DSC Telecom LP	05-22-1998		
			WO 98/44695	Apple Computer Inc.	10-08-1998		
			WO 99/34288 A	Alcatel USA Sourcing LP	07-08-1999		

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. <sup>16</sup> if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 7

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		Number	Kind			
		6,247,044		Gosling et al.	06-12-2001	
		6,253,228		Ferris et al.	06-26-2001	
		6,351,767		Batchelder et al.	02-26-2002	
		6,370,561		Allard et al.	04-09-2002	
		6,373,841		Goh et al.	04-16-2002	
		6,397,253		Quinlan et al.	05-28-2002	
		6,405,241		Gosling	06-11-2002	
		6,460,071		Hoffman	10-01-2002	
		6,460,141		Olden	10-01-2002	
		6,480,894		Courts et al.	11-12-2002	
		6,487,665		Andrews et al.	11-26-2002	
		6,557,038		Becker et al.	04-29-2003	
		6,591,272		Williams	07-08-2003	
		6,622,168		Datta	09-16-2003	
		2001/0054020		Barth et al.	12-20-2001	
		2002/0008703		Merrill et al.	01-24-2002	
		2003/0009476		Fomenko et al.	01-09-2003	
		2003/0009519		Gosling et al.	01-09-2003	
		2003/0009567		Farouk	01-09-2003	
		2003/0018827		Guthrie et al.	01-23-2003	

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Sheet	3	of	7
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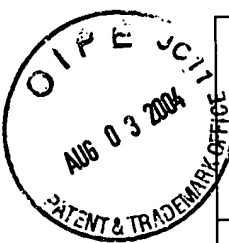
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Application Number</b>	09/902,469
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		<b>Attorney Docket Number</b>	160315.01
<b>Sheet</b>	4	<b>of</b>	7

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		European Search Report 01 11 1678.7-2201	
		European Search Report 01 1 1 1680.3-2201	
		European Search Report 01 1 1 1681.1-2201	
		European Search Report 01 1 1 1682.9-2201	
		"Altrego Networks Introduces First Mobile Web Server for Enterprises, Telcos and Providers"; Redwood City, CA; 11/14/2000; 3 pages	
		ANDERSON, RICHARD; HOMER, ALEX; HOWARD, ROB; SUSSMAN, DAVE; "A Preview of Active Server Pages+"; Copyright 2000, Wrox Press, Pages 1-73.	
		Developing ASP-Based Applications: Microsoft 1996, 5 pages	
		"Bluestone Software Lays Foundation for Internet Operating Environment with Total-E-Server....."; Screaming Media, Business Wire; 6/5/2000; 3 pages	
		Chapter 3, "Mechanics of Developing JavaScript Applications"; Server-Side Javascript Guide; Online! 1999; pp 51-108 <a href="http://www.developer.netscape.com/docs/manuals/ssjs/1-4/ssjs.pdf">www.developer.netscape.com/docs/manuals/ssjs/1-4/ssjs.pdf</a>	
		Chapter 6, "Session Mangement Service"; Server Side Javascript Guide; Online! 1999 pp 125-166 <a href="http://www.developer.netscape.com/docs/manuals/ssjs/1-4/ssjs.pdf">www.developer.netscape.com/docs/manuals/ssjs/1-4/ssjs.pdf</a>	
		"ColdFusion: Web Application Server"; Allair Corp; <a href="http://www.allair.com">www.allair.com</a> ; 1995-1999; 28 pages	

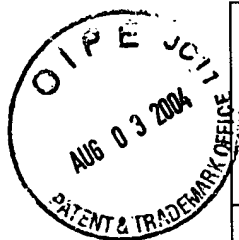
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		Examiner Name	Steelman, M.
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Sheet	5	of	7

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		CUSTER, HELEN; "Inside Windows NT"; Microsoft Press 1993; pgs 74-81	
		DAVULCU, HASAN; FREIRE, JULIANA; KIFER, MICHAEL; RAMAKRISHNAN, I.V.; "A Layered Architecture for Querying Dynamic Web Content"; ACM 1999; pages 491 - 502	
		DOBSON, RICK; "Data Binding in Dynamic HTML"; DBMS March 1998 pages 47-52	
		DUAN, NICK N., "Distributed Database Access in a Corporate Environment Using Java" Bell Atlantic Corporation; 1996; 8 pages	
		ESPOSITO, DINO; "Heaven Sent"; Developer Network Journal issue 23 March/April 2001 pages 18-24	
		FRANKLIN, KEITH; "Supercharge Data Binding"; Visual Basic Programmer's Journal, March 2000; 7 pages	
		FROST, JIM; "Windows NT Security"; May 4, 1995; 7 pages; <a href="http://world.std.com/~jimf/papers/nt-security/nt-security.html">http://world.std.com/~jimf/papers/nt-security/nt-security.html</a>	
		"Hammock: Think of it as Swing for the Web"; 7/14/2000; 10 pages	
		HAMMOND, ERIC "Hammock Swings through Web interfaces" <a href="http://www.infoworld.com/articles/mV/xmi/00/07/17/000717mthamrock.xmi">www.infoworld.com/articles/mV/xmi/00/07/17/000717mthamrock.xmi</a> ; 7/14/2000; 3 pages	
		HOLMES, JOHN W; e-Mail response to question regarding GET/POST.HTTP request, extracted from GOOGLE's News groups, php.general, 11/1 1/2002	
		HOVANES, MICHAEL E; DEAL, JOHN R. GRIZZ; ROWBERG, ALAN H., "Seamless Multiresolution Display of Portable Wavelet-Compressed Images" Journal of Digital Imaging, vol 12, no 2, suppl 1 (May), 1999, PP 109-111	

Examiner Signature		Date Considered	
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Sheet		6	of		7
				Application Number	09/902,469
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		"HTML Encyclopaedia"; <a href="http://www.scit.wlv.ac.uk/encyc/form.html">http://www.scit.wlv.ac.uk/encyc/form.html</a> ; 1995-1998 2 pages	
		INGHAM; DAVID B; "W30bjects: A Distributed Object-Oriented Web Server" Object-Oriented Web Servers and data Modeling Workshop, Sixth International World Wide Web Conference, April 1997, Santa Clara, CA 5 pages	
		KITAYAMA, FUMIHIKO; HIROSE, SHIN-ICHI; KONDOH, GOH; KUSE, KAZUSHI; "Design of a Framework for Dynamic Content Adaptation to Web-Enabled Terminals and Enterprise Applications"; IEEE 1999, pages 72 - 79	
		KUNZ, T; EL SHENTENAWY, M; GADDAH, A; HAFEZ, R; "Image Transcoding for Wireless WWW Access: The User Perspective; Multimedia Computing and Networking 2002, Proceedings of SPIE vol 467 (2002) pages 28-33	
		MARSHALL, JAMES; "HTTP Made Really Easy: A Practical Guide to Writing Clients and Servers"; August 15, 1997; 14 pages	
		"A Brief History of Hypertext" Microsoft Corporation, 1996, 1 page	
		NADAMOTO, AKIYO; KONDO, HIROYUKI; TANAKA, KATSUMI; "WebCarousel: Restructuring Web Search Results for Passive Viewing in Mobile Environments" IEEE 2001 page 164-165	
		"OOP Launches Hammock at JavaOne" <a href="http://www.oop.com/pr2000-06_08.jsp?gui=Plain">http://www.oop.com/pr2000-06_08.jsp?gui=Plain</a> June 8, 2000, 1 page	
		PYARALI, IRFAN; O'RYAN, CARLOS; SCHMIDT, DOUGLAS; WANG, NANBOR; GOKHALE, ANIRUDDHA S.; KACHROO, VISHAL; "Using Principle Patterns to Optimize Real-Time ORB's" IEEE	
		PENN, GERALD; HU, JIANYING; LUO, HENGBIN; McDONALD, RYAN; "Flexible Web Document Analysis for Delivery to Narrow-Bandwidth Devices"; IEEE 2001; pages 1074-1078	
		SHAPIRO, MARC; "A Binding Protocol for Distributed Shared Objects" Presented at 14th International Conference on Distributed Comp. Sys.; June 21-24 1994; 17 pages	

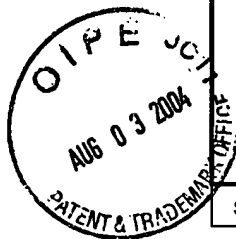
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		SHI, WEISONG; COLLINS, ELI; KARAMCHETI, VIJAY; "Modeling Object Characteristics of Dynamic Web Content"; Proceedings of the IEEE Global Internet Conference, November 2002, 5pgs	
		SOLOMON, DAVID A. "Inside Windows NT, Second Edition"; Microsoft Press 1998; pgs 310-319	
		STEWART, TONY; "The Document as Application: Issues and Implications" GCA XML Europe 1999; pages 575-599	
		"Best Practices for Creating Adaptive User Interfaces with the Mobile Internet Toolkit"; Microsoft Corporation, January 2002; 15 pages	
		"Best Practices for the Microsoft Mobile Internet Toolkit Image Control"; Microsoft Corporation, February 2002	
		WLI, DAPENG; HOLI, YIWCI THOMAS; ZHANG, YA-QIN; "Scalable Video Transport over Wireless IP Networks"; IEEE 2000; pages 1185 - 1191	

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